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DOCUMENT NUMBER: 143:171399

TITLE: Manufacture of cyclosporin A derivatives

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Tsuchida, Toshio

PATENT ASSIGNEE(S): Mercian Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

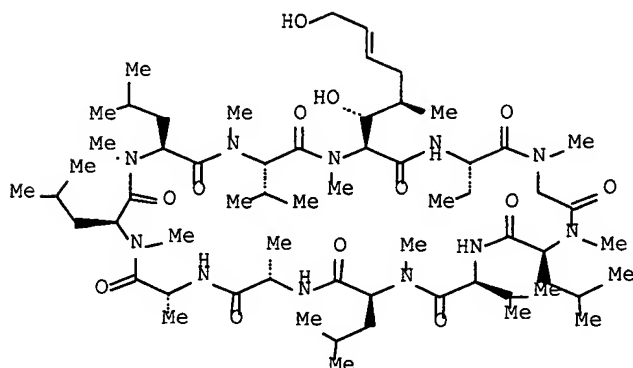
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005198543	A2	20050728	JP 2004-7488	20040115
PRIORITY APPLN. INFO.:			JP 2004-7488	20040115

GI



I

AB Three cyclosporin A derivs., including I, are manufd. by fermn. in the presence of Dactylosporangium, Streptomyces, Nocardia, Pseudonocardia, or Streptosporangium. These cyclosporin A derivs. are useful as standard mols. in quantitation of blood or urinary metabolites of cyclosporin A.

IT 89270-23-5P 89270-25-7P 89270-28-0P

RL: ARU (Analytical role, unclassified); BMF (Bioindustrial manufacture);

BSU (Biological study, unclassified); ANST (Analytical study); BIOL

(Biological study); PREP (Preparation)

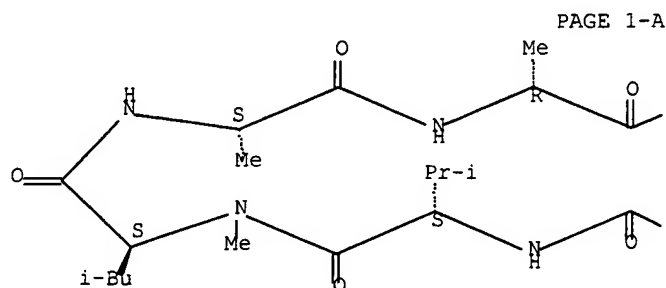
(manufacture of cyclosporin A derivs. by microbial fermentation)

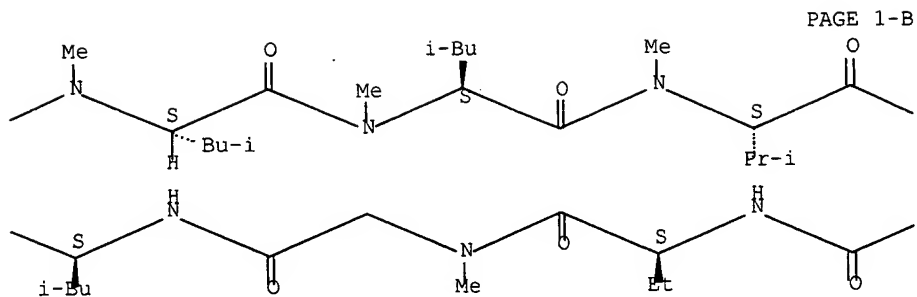
RN 89270-23-5 HCAPLUS

CN Cyclosporin A, 9-L-leucine- (9CI) (CA INDEX NAME)

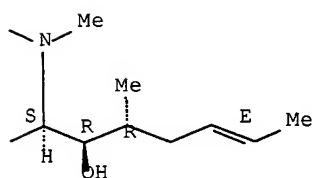
Absolute stereochemistry.

Double bond geometry as shown.





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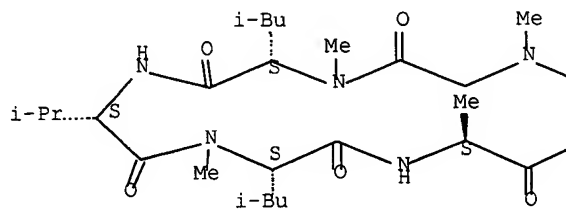


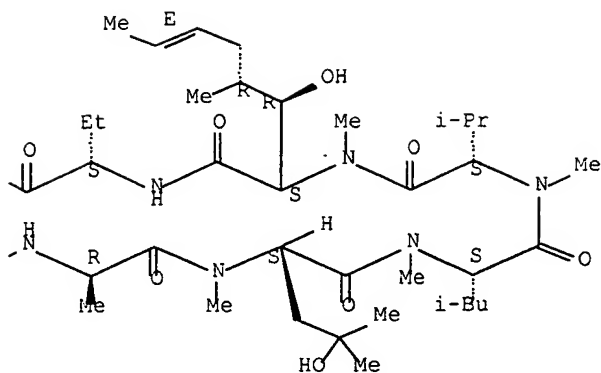
RN 89270-25-7 HCAPLUS

CN Cyclosporin A, 3-(4-hydroxy-N-methyl-L-leucine)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

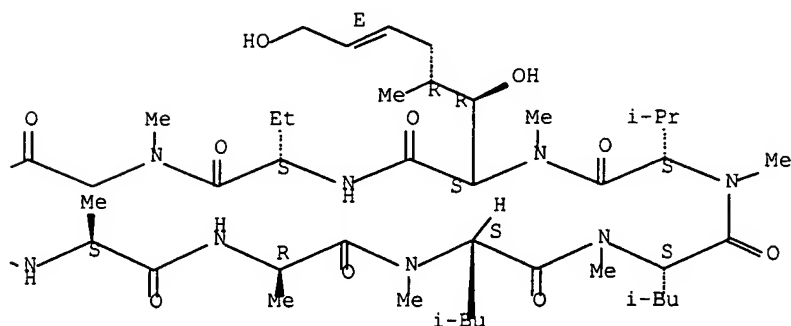
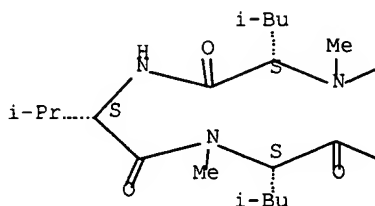
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RN 89270-28-0 HCAPLUS  
 CN Cyclosporin A, 6-[(2S,3R,4R,6E)-3,8-dihydroxy-4-methyl-2-(methylamino)-6-octenoic acid]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



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